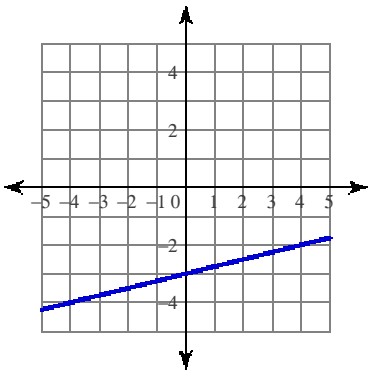
Algebra 1a - Mr. Cantlin - #5 to #14 on looseleaf! Name_____

Q3 - Homework #5

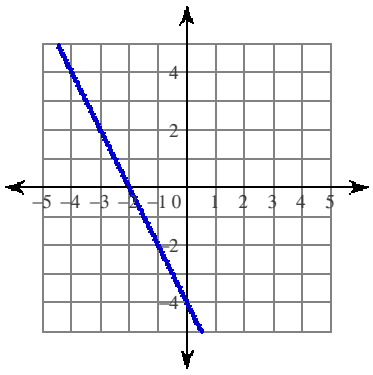
Date_____ Period____

Write the slope-intercept form of the equation of each line.

1)



2)



Write the slope-intercept form of the equation of each line given the slope and y-intercept.

3) Slope = 1, y-intercept = 2

4) Slope = –1, y-intercept = 1

Write the slope-intercept form of the equation of the line through the given point with the given slope.

5) through: $(-5, -2)$, slope = 1

6) through: $(3, 2)$, slope = 2

Write the slope-intercept form of the equation of the line through the given points.

7) through: $(-3, -3)$ and $(2, 1)$

8) through: $(-2, 3)$ and $(3, 4)$

Write the slope-intercept form of the equation of the line described.

9) through: $(1, -3)$, parallel to $y = -5x - 2$

10) through: $(-4, 3)$, parallel to $y = -3x - 5$

11) through: $(5, 0)$, parallel to $y = \frac{1}{5}x - 2$

12) through: $(-1, -4)$, perp. to $y = -\frac{2}{3}x$

13) through: $(-4, 5)$, perp. to $y = -4$

14) through: $(-3, 2)$, perp. to $y = \frac{5}{4}x + 1$